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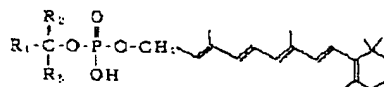
APPLICATION DATE : 02-09-94
APPLICATION NUMBER : 06234260

APPLICANT : NOEVIR CO LTD;

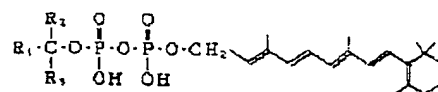
INVENTOR : TAKEI MASUMI;

INT.CL. : A61K 7/00 A61K 7/48 C07C403/22
C07F 9/117

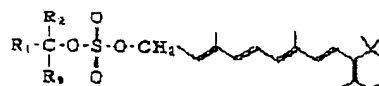
TITLE : EXTERNAL PREPARATION FOR SKIN



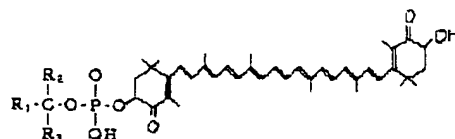
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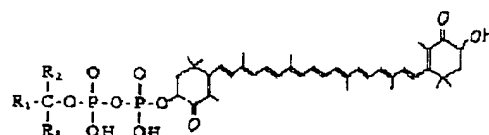
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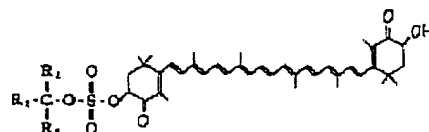
III



IV



V



VI

ABSTRACT : PURPOSE: To obtain an external preparation for skin showing synergistic effect, blended with a bonded complex of an α -hydroxy acid effective for improving aging symptoms and retinol or a bonded complex of astaxanthin effective for preventing light aging of skin and an α -hydroxy acid.

CONSTITUTION: This external preparation for skin mixed with one or more selected from the group consisting of a complex of formula I (R_1 to R_3 are each H, an alkyl, allyl, an aryl, carboxyl, a carboxyalkyl or retinol and a phosphoric diester, a complex of formula II of an α -hydroxy acid retinol and a pyrophosphoric diester, a complex of formula III of an α -hydroxy acid, retinol and a sulfuric diester, a complex of formula IV of an α -hydroxy acid, retinol and a sulfuric diester, a complex of formula V of an α -hydroxy acid, astaxanthin and a phosphoric diester and a complex of formula VI of an α -hydroxy acid, astaxanthin and a sulfuric diester.

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